UCSF
Newsbreak

News for the UCSF Campus Community

VOL. 13, NO. 17 AUGUST 21, 1998

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David Powers

Chancellor J. Michael Bishop chats with Sophie Maxwell, a Bayview/Hunters Point activist, at the recent reception for the Chancellor in the city's War Memorial Building, where UCSF's flag greeted guests. Maxwell is chair of the San Francisco Redevelopment Agency's Project Area Committee for Bayview/Hunters Point and is the daughter of UCSF Community Advisory Group member Enola Maxwell of the Potrero Hill neighborhood.

Bishop puts the "SF" back in UCSF

Chancellor J. Michael Bishop was formally introduced to San Francisco last week at an evening reception co-sponsored by Mayor Willie Brown and UCSF Vice Chancellor and School of Medicine Dean Haile Debas and Bruce Spaulding, vice chancellor for university advancement and planning.

Members of the Board of Supervisors, the UCSF Community Advisory Group, as well as local politicians and UCSF faculty, mingled in the historic Green Room in the War Memorial Building.

After giving his vision of "UCSF into the 21st Century," Bishop chatted with many of the 150 guests, as a two-piece band serenaded the crowd.

In his lighthearted yet powerful speech, the Chancellor spoke of UCSF's history and the important role it plays in the daily life of San Francisco. "We gave birth to the biotechnology industry and to several of its giants, such as Genentech and Chiron," Bishop said.

He spoke of his love for the city's cultural offerings and for the San Francisco Giants, with whom UCSF will be neighbors when the Mission Bay campus is built. Here is an excerpt of Bishop's remarks.

Let me put UCSF on your mental map of San Francisco: we have major facilities at Fort Miley (VA), Parnassus Heights, the Mission District, SFGH, and Laurel Heights. In the not-too-distant future, we will add Mission Bay to the list. We are joined to SF at the hip and at the soul. That is one of the major reasons I accepted the job as chancellor at UCSF: I saw an opportunity to serve both the institution and the city that I love.

Our plans for Mission Bay are probably little known to many of you, so let me say a few words about this. UCSF has been suffocating in its own success, unable to launch vital new programs for want of space. None of our neighbors at our current sites wants us to expand, and I cannot say that I blame them. Hence, Mission Bay.

Our initiative there is breath-taking in its scope: the largest development project in SF since the construction of Golden Gate Park, a 2.5 billion dollar capital investment by the time we have finished. We are taking a banal postindustrial landscape and transforming it into a glorious place of discovery, instruction and outreach. We are doing this within walking distance of the new ball park, another inducement for me to accept the chancellorship.

Our purposes at Mission Bay are not well understood. Some of you will recall that earlier this year, the State Legislative Analyst recommended that no state funds be invested in UCSF Mission Bay, arguing that the project was not central to the purposes of the University and, in particular, that it would not serve undergraduate education. I cannot agree with this.

First, we will use our Mission Bay facility to conduct the fundamental research that is essential for the conquest of disease, research that will

allow us to understand the underpinnings of cancer, cardiovascular disease, diabetes, AIDS, birth defects and so many others. Simply put, our objective is to understand the engines that run our bodies. Only then can we understand why those bodies break down and how they might be repaired. If this is not a central purpose of the University, what is?

Second, the economic recovery of California has been fueled by high tech industry. A bachelor's degree will not get anyone far in that industry.

(See **Bishop** on page 3)

Hormone therapy does not decrease heart risk in women with previous heart disease

By DIANA MARSZALEK

A major clinical trial led by UCSF researchers and colleagues at 18 medical centers in the United States found that estrogen plus a progestin did not decrease the overall risk of heart attack and coronary death among postmenopausal women with previous heart disease.

The study, published in the August 19 Journal of the American Medical Association (JAMA), reported that the hormone therapy appeared to increase the risk of heart attack in the first year of treatment and then to decrease it after two years of treatment. The two effects balanced out, so that the number of women who had heart attacks or coronary death over the whole four years was similar in women who took hormones and in women who did not.

"Based on these findings, we don't recommend starting estrogen plus progestin for the purpose of preventing heart attacks in postmenopausal women with existing heart disease," said Stephen B. Hulley, professor and chair of epidemiology and biostatistics at UCSF, and the leader of the Heart and Estrogen/progestin Replacement Study (HERS) of 2,763 postmenopausal women with some form of coronary heart disease. "There was no overall benefit during the four years of the trial, and the risk of heart attacks seemed to increase soon after starting hormones. But women who are already taking estrogen plus progestin could decide to continue, given the apparent decrease in risk of heart attack after several years."

Dual therapy benefits victims of domestic violence

By CORINNA KAARLELA

Domestic violence is often a "double victim" crime involving a woman who is assaulted and her children who witness the event.

Studies have shown that youngsters who undergo this experience tend to develop low self-esteem. More disturbing is that witnessing domestic violence as a child is the best predictor of becoming a perpetrator of domestic violence as an adult, says Alicia Lieberman, a child development specialist and associate professor of psychiatry at UCSF.

Reporting Aug. 14 at the annual convention of the American Psychological Association, Lieberman presented findings from the first phase of a research project studying the effectiveness of a new dual therapy approach that focuses on developing the relationship between the two victims: mother and child. This compares to a more standard approach that would treat each victim individually.

"The results to date are very encouraging, with positive behavior changes in both mother and child," Lieberman said. "Our most dramatic finding, which was a surprise, showed a significant increase in IQ score in a majority of children who completed the therapy."

The study was carried out through the UCSF Child Trauma Research Project, directed by Lieberman, at San Francisco General Hospital.

The treatment intervention consists of home visits once a week for a year by a therapist who meets with the mother and child. The therapists emphasize resolving conflicts in the parent-child relationship by creating a setting where the mother is better able to help guide the child's development and readiness to learn. As a result, emotional resilience is enhanced, according to Lieberman.

"Younger children are more vulnerable to the long-lasting negative effects of witnessing domestic violence because their personalities are still in the process of being formed and their sense of human relationships is largely shaped by the influence of their parents," she said.

The study involved 45 mother-child pairs. All of the women had been severely beaten, shot, knifed, and/or raped, and all

(See **Violence** on page 3)

Researchers test new tool for HIV risk screening

UCSF researchers have developed and tested a questionnaire designed to help health care providers identify patients at risk of contracting HIV and target prevention counseling at patients engaging in risky behavior.

Having such a tool is an important step in making the prevention and treatment of HIV a more common topic of discussion between health care providers and patients, researchers say.

It is essential that health care providers more aggressively act to prevent the spread of HIV and AIDS, which is the third-leading cause of death of 25 to 44-year-old men and women, researchers say.

"Doctors don't ask patients the relevant questions and patients don't volunteer the information," says UCSF psychologist Barbara Gerbert, professor and chair of UCSF's behavioral sciences division in the School of Dentistry. "Having this instrument will help physicians bring up the topic."

Gerbert led the new UCSF study, published in the August edition of the American Journal of Preventive Medicine, that shows the questionnaire is an effective tool in identifying patients at-risk for contracting HIV. The majority of patients who took the test were willing to discuss the results with their health care provider.

The questionnaire asks patients whether they engage in behavior known to put people at risk of the disease, from condom use and having anal sex to injecting drugs with needles.

Co-researchers on the study are: Amy Bronstone, UCSF division of behavioral sciences; Stephen McPhee, UCSF department of medicine; Steven Pantilat, UCSF department of medicine; and Michael Allerton, Kaiser Permanente Medical Center, Oakland. The study was funded by the National Institute of Mental Health.

—Diana Marszalek

Gazette

McIntire receives scholarship

Steven Lee McIntire, assistant professor in the department of neurology and faculty member of graduate programs in neuroscience and biomedical sciences, has been named a recipient of the Charles E. Culpeper Foundation Scholarships in Medical Science for 1998. Through this award, he will receive research funding in the amount of $100,000 for three years.

McIntire

McIntire received the award at a ceremony and luncheon on June 24.

"The Charles E. Culpeper Foundation Scholarships in Medical Science are designed to support the career development of young academic physicians," said Francis J. McNamara Jr., president of the foundation. "The Foundation's objective with this scholarship program is to provide significant support to young physicians of high potential, like Dr. McIntire, who are committed to careers in academic medicine."

McIntire and three other investigators were selected for the scholarship award from a competitive field of applicants nominated by their respective medical schools.

As a Culpeper scholar, McIntire will continue his research that has led to the identification of a family of vesicular neurotransmitter transporters. Research in this area may provide an understanding of how vesicular transport influences information processing in the vertebrate brain and how abnormalities of this mechanism are related to neurological disease.

Since the scholarship program began, 33 investigators representing medical schools from all parts of the US have received research awards totalling more than $39 million. The foundation is a private, nonprofit charitable organization that was established under the will of the late Charles E. Culpeper, who was one of the early pioneers in the bottling and marketing of Coca Cola.

Chris T. Anderson

Congresswoman comes to campus

Visiting UCSF on August 12, Congresswoman Lynn Woolsey, D-San Rafael, pauses for a moment to pose with Bruce Spaulding, vice chancellor for University Advancement and Planning. Woolsey, who sits on the House Budget Committee, which sets federal spending priorities, met with faculty, donors, friends and administrators as part of the "Legislator to Campus" program.

Martinson receives three awards

Ida Martinson, professor in the School of Nursing's department of family health care nursing, has recently been honored with several awards for her trailblazing research on terminal illness and bereavement.

She received the outstanding contribution award from Children's Hospice International at its 11th annual international conference.

In addition, Martinson received two awards from Mount Ida College in Newton Centre, Massachusetts, on graduation day on May 23.

The first is an award from the National Center for Death Education and the second is an honorary degree from the college.

While at the University of Minnesota in the mid-1970s, Martinson established a pioneering program of home care for dying children. Through a series of books, articles, a video "Time to Come Home," and numerous lectures throughout the world, Martinson brought the message to countless people that home care for dying children is both desirable and feasible for those who seek it.

Her work has led to studies of family members who were bereaved by the death of a child in the home care program — seven to nine years after death — providing a rare glimpse of the long-term impact of death and loss in society.

Martinson has served as a guide and mentor for younger clinicians and researchers, stressing teamwork in both practice and research. Martinson, who recently returned after teaching at the Hong Kong Polytechnic University, has also been at the forefront addressing issues such as dying and bereavement in countries along the Pacific Rim.

Nursing school gets trust award

The Helene Fuld Health Trust, the nation's largest foundation devoted exclusively to nursing students and nursing education, has awarded the UCSF School of Nursing's department of community health systems $99,000 to support initiatives for curriculum.

The department will use the money to develop the academic component for students working in the Glide Free Health Care Clinic. Serving San Francisco's Tenderloin neighborhood, the clinic opened last December as part of the department's partnership with Catholic Healthcare West-West Bay Region and Glide Memorial United Methodist Church.

The Helene Fuld Health Trust approved a total of $2.4 million in grants to support a range of national, regional and school nursing education in community-based care.

Private Support

UCSF is pleased to acknowledge the following gifts/pledges of $25,000 or more from individuals, corporations and foundations received July 19-August 8, 1998.

$1,000,000 or more
Anonymous

$100,000 - $249,999
Theodora B. Betz Foundation
Charles E. Culpeper Foundation
Merck Company Foundation
Albert L. and Janet A. Schultz Supporting Foundation

$25,000 - $99,999
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Emil Mosbacher Jr. Foundation
Virginia L. Patterson
Pharmaceutical Research and Manufacturers of America Foundation Inc.
The San Francisco General Hospital Foundation
Southeastern Center for Electrical Engineering Education

Fresno's Hendey wins national award

Gregory W. Hendey, residency director of emergency medicine in the Emergency Medicine Residency Program of the UCSF-Fresno Medical Education Program, has been named a recipient of the prestigious Council of Residency Directors (CORD) Faculty Teaching Award.

This national award recognizes the contributions of a junior faculty member to the education of emergency medicine residents.

In addition to serving as residency director at the University Medical Center in Fresno, Hendey co-directs the program's research committee and is medical director of the air ambulance program.

Hendey completed his emergency medical residency training at UCLA Medical Center and was the chief resident in his final year of training. He is a graduate of the American College of Emergency Physicians (ACEP) Teaching Fellowship and has served on the ACEP Educational Meeting Committee. He serves as a reviewer for the Annals of Emergency Medicine and Journal of Emergency Medicine and Pediatrics.

"Dr. Hendey's fairness and dedication to the residents in Emergency Medicine resident education is unsurpassed," said UCSF-Fresno Emergency Program Director Herbert G. Bivins. "There has not been a junior faculty member who has had a bigger impact on resident education in our residency program."

Honors & Awards

Newton C. Gordon, clinical professor, department of oral and maxillofacial surgery, chief of OMFS Service at SFGH: Installed as president of the Northern California Society of Oral and Maxillofacial Surgeons at its annual scientific session held in Yountville in May.

Susanne Henry, associate professor, mental health nursing: Appointed to the University's Systemwide Library and Scholarly Information Advisory Committee. Following the work of an advisory task force to review the issues facing the University's library system and to recommend strategies to address them, this new committee will serve both to accelerate the incorporation of materials to the California Digital Library and to provide a platform for exploring and adopting the significant changes in library service that will be needed in the coming years.

Marc Jacobs, director of the Residency Training Program, department of psychiatry: Received the George Sarlo Prize at the department of psychiatry graduation on June 5. The new award was established by Sarlo to recognize excellence in teaching. Under Jacob's nine-year tenure as director, the residency program has become the outstanding model in the country, training the future psychiatrists, psychologists and social workers. Jacobs is recognized as an outstanding clinician and teacher, who is a superb role model for residents.

Anil K. Lalwani, associate professor, department of otolaryngology: Presented the Nicholos Torok Vestibular Award by the American Neurotology Society for his work "Expression of Adeno-Associated Virus Integrated Transgene Within the Mammalian Vestibular Organ" at the society's spring meeting in Palm Beach, Florida. The Torok Award is given for "innovative observation, experience or technique in the field of vestibular basic science" and includes a $3,000 prize.

Joseph M. McCune, associate professor of medicine and associate investigator, The J. David Gladstone Institutes: Elected to the board of trustees of the Rockefeller University.

A 1982 graduate of the Tri-institutional MD, PhD program, McCune earned his doctorate in immunology and cell biology from The Rockefeller University and his medical degree from Cornell University Medical College. McCune completed his residency at UCSF in 1984 and has been affiliated with SFGH since that time, serving as physician, investigator and instructor. In 1988, McCune co-founded the biotechnology company SyStemix Inc. and has served as its president and CEO.

Marc Tessier-Lavigne, departments of anatomy and biochemistry and biophysics: Selected for the 1998 Wakeman Award, given biennially to emphasize and encourage research leading to a better understanding of recovery from spinal cord injury. Tessier-Lavigne was selected for his pioneering discoveries of the molecular basis of axon guidance based on chemoattraction and chemorepulsion. His "identification of the netrine and their cognate receptors are spectacular and elegant discoveries that have put the control of axon guidance in a firm molecular framework that has obvious and direct relevance to spinal cord regeneration," according to Allen D. Roses, professor of medicine at Duke University Medical Center, where the symposium and award presentations will be held on Nov. 13.

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Doctors underprescribe key blood pressure drug, study finds

By JENNIFER O'BRIEN

A national study led by a UCSF researcher indicates that doctors are increasingly heeding the recommendation that they prescribe ACE inhibitors to patients who have had heart attacks, but they still are grossly under-prescribing the life-saving drug to the patients most in need.

In the study, published in the August issue of *The Journal of the American College of Cardiology*, the researchers evaluated data on 200,000 myocardial infarction patients seen between 1994 and 1996. The data, which included the patients' specific diagnoses and their prescriptions at discharge from the hospital, was drawn from the National Registry of Myocardial Infarction 2, which collects information on physician practices at more than 1,400 US hospitals. The study was led by Hal V. Barron, an assistant professor of medicine and cardiology at UCSF and associate director of research at Genentech Inc.

In their findings, the researchers report that prescription of ACE inhibitor therapy, used to reduce blood pressure, increased to 38.7 percent in 1996, compared to 25 percent in 1994, at hospital discharge, and that prescriptions most often were given to patients with the greatest expected benefit, including those with congestive heart failure.

However, the researchers also report that less than half of the patients most in need of the drug received it. "If the American College of Cardiology/ American Heart Association guidelines had been followed in the treatment of the 75,173 patients in the study with congestive heart failure or left ventricular ejection fraction, 1,800 lives could have been saved in the first year alone," said Andrew D. Michaels, a clinical cardiology fellow at UCSF and an author of the study.

"The encouraging news is that doctors are listening to the results of the numerous large scale clinical trials that have indicated the importance of using ACE inhibitors, and they're prescribing them in the patients most likely to benefit from this therapy," he said. "But we need to do more."

ACE (angiotensin converting enzyme) inhibitors may reduce the risk of first-time heart attack and stroke. But they dramatically reduce the risk of heart attack and congestive heart failure in patients who have already had a heart attack, and reduce the risk of dying in patients with congestive heart failure.

Clinical trials have shown that prescribing ACE inhibitor therapy soon after a heart attack typically saves five lives per 1,000 patients treated in the first month. Other trials have shown that starting long-term ACE inhibitor therapy in the weeks after a heart attack in these patients saves about 24 lives per year.

Current American College of Cardiology and American Heart Association recommendations suggest that ACE inhibitor therapy begin within 24 hours of suspected acute myocardial infarction and be continued for four to six weeks in those patients without contraindications.

The research study, as well as the National Registry of Myocardial Infarction 2, an observational study, were supported by Genentech Inc. Researchers from University of Washington also participated in the study.

Violence (from page 1)

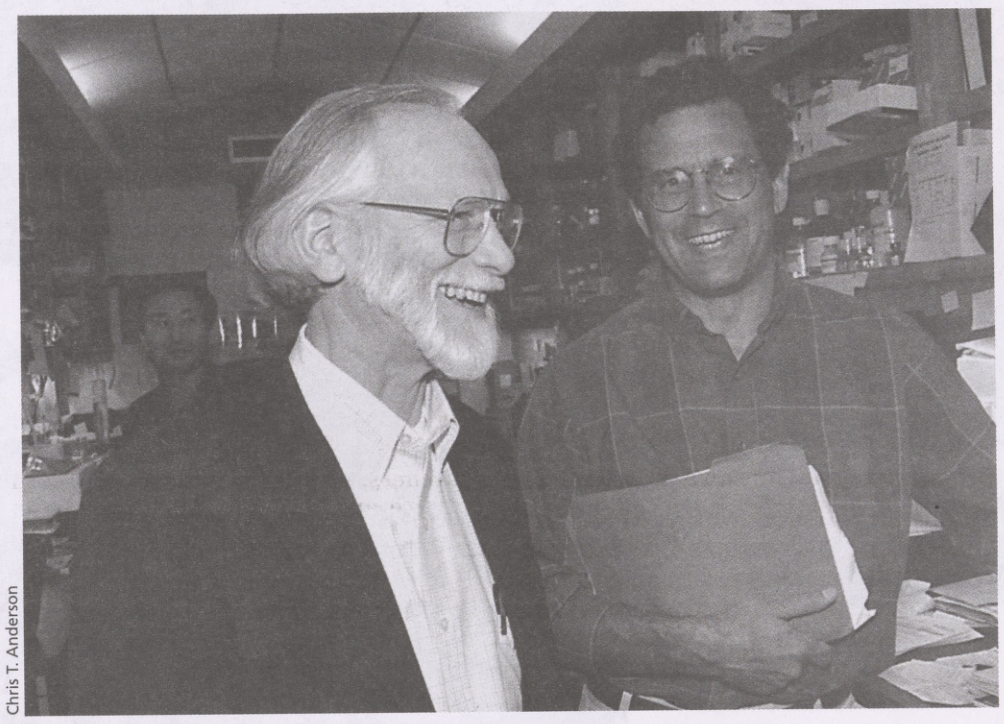
the children — ages 3 to 5 years — had witnessed the assaults. Racial composition in both the mother and child groups included African-American, Latino, Asian-American, and Caucasian. Some participants in the children's group also were mixed race.

As a condition of entry into the study, a mother had to sever her romantic relationship with the perpetrator, although she would remain in the study if she decided to go back to him.

Study findings showed:

- Sixty percent of the children completing treatment had increases in IQ ranging from 10 to 25 points over pre-treatment scores. These gains were related to improvements in the child's ability to concentrate, to stay with a task, to cope with frustrations, and to cooperate with the examiners.
- At the end of treatment, only two children showed acute symptoms of post-traumatic stress disorder (PTSD), and in these two the condition had improved during treatment. Overall, all the children showed signs of anxiety, but it was manageable.
- Only one mother returned to the perpetrator during the course of treatment, and a second mother began a new relationship with a man who battered her but then ended it quickly. This contrasts with a common rate of 50 percent recidivism in domestic violence relationships.
- Fifty percent of mothers completing treatment no longer met the clinical diagnosis of PTSD. They often were anxious or sad, but they reported a better sense of control over negative emotions.
- The emotional quality of the relationship between mother and child showed substantial improvement between the beginning and end of treatment. Mothers reported fewer complaints about their children's behavior, including instances of aggression.

The ongoing study is supported by grants from the Miriam and Peter Haas Fund, the Harris Foundation, the North Foundation, and the Pinewood Foundation.



Chris T. Anderson

Chancellor J. Michael Bishop, left, tours research space on the SFGH campus during a special visit hosted by Philip C. Hopewell, associate dean for the School of Medicine at SFGH. In the Lung Biology Center, Dean Sheppard, right, center director and chair of the SFGH research committee, gave an update on projects. Joining Bishop on the tour was Zach Hall, vice chancellor for research. There are more than 160 UCSF principal investigators on the SFGH campus, with an annual research budget of $83 million.

Bishop (from page 1)

Most of the work force at Mission Bay will be young scientists in training, who will propel high-tech industry into the next century. If this is not a central purpose of the University, what is?

Third, the faculty who will work at Mission Bay are also the faculty who teach in our schools of dentistry, medicine, nursing and pharmacy. Each of these schools has been rated among the top three in the nation for most of the past decade. Each of them has a spectacular record of discovery and instruction. They attract the most sought-after students in the nation, a wonderful infusion of talent for the city, many of whom remain in the area once they have been trained. If this is not a central purpose of the University, what is?

"For the future, Mission Bay symbolizes the great human quest for enlightenment, a quest that has been bred into the bone of this city."

Mayor Brown understands all this: that is why he worked so hard to keep us in SF and to procure that magnificent plot of land for us at Mission Bay.

Mission Bay stands for me as a symbol of the past and the future of SF. Looking to the past, Mission Bay symbolizes a grand tradition that began in 1898, when Adolph Sutro donated the land on which our Parnassus Heights facility (and my new residence) now stands. That tradition now continues with the gift of land at Mission Bay from the Catellus Development Corp. and the city of San Francisco.

For the future, Mission Bay symbolizes the great human quest for enlightenment, a quest that has been bred into the bone of this city.

No one could look on an undertaking of this magnitude without anxiety. But we of UCSF also see hope. This city was built by people of boundless hope, driven by the search for gold. Now we seek another sort of coin, the coin of knowledge that can improve all of our lives. Call this a second gold rush, if you like. But I prefer to call it the San Francisco of the next century.

Researchers explore avenue to stop blood clots

UCSF researchers have identified a molecular mechanism that may play an important role in activating platelets, the blood cells that coagulate to stop bleeding but also cause the clots leading to heart attack and stroke.

The finding, published in the Aug. 13 issue of *Nature*, requires further investigation, says the senior author of the study, Shaun R. Coughlin, director of the Cardiovascular Research Institute (CRVI) and professor of medicine and cellular and molecular pharmacology at UCSF. But the finding could provide a new avenue for developing drugs for preventing heart attack and stroke.

The study, conducted in mice and on human platelets, explored the way in which the enzyme known as thrombin, one of several factors known to activate platelets, stimulates the blood cells into action. The initial observations in mice led the researchers to a potentially profound finding for humans.

In the mouse study, the researchers determined that thrombin is able to activate platelets by latching onto, and cleaving, a newly identified receptor in the membrane of the cells. When the enzyme (a protease) binds to the receptor, it instigates the transmembrane signalling that prompts platelet aggregation.

Numerous questions about the thrombin system remain to be answered, said Coughlin. The two-receptor system may simply provide redundancy of an important molecular mechanism. Alternatively, it may provide a mechanism for responding to proteases other than thrombin or to thrombin itself over a wider range of concentrations.

"We're initially interested in seeing if there are more receptors involved in the response of platelets to thrombin or whether these two receptors fully account for thrombin signalling," he said.

A still larger question, said Coughlin, is how important the thrombin system as a whole is for activating platelets. Laboratory studies indicate that thrombin is a potent stimulator of platelets, but other factors contribute to platelet aggregation as well.

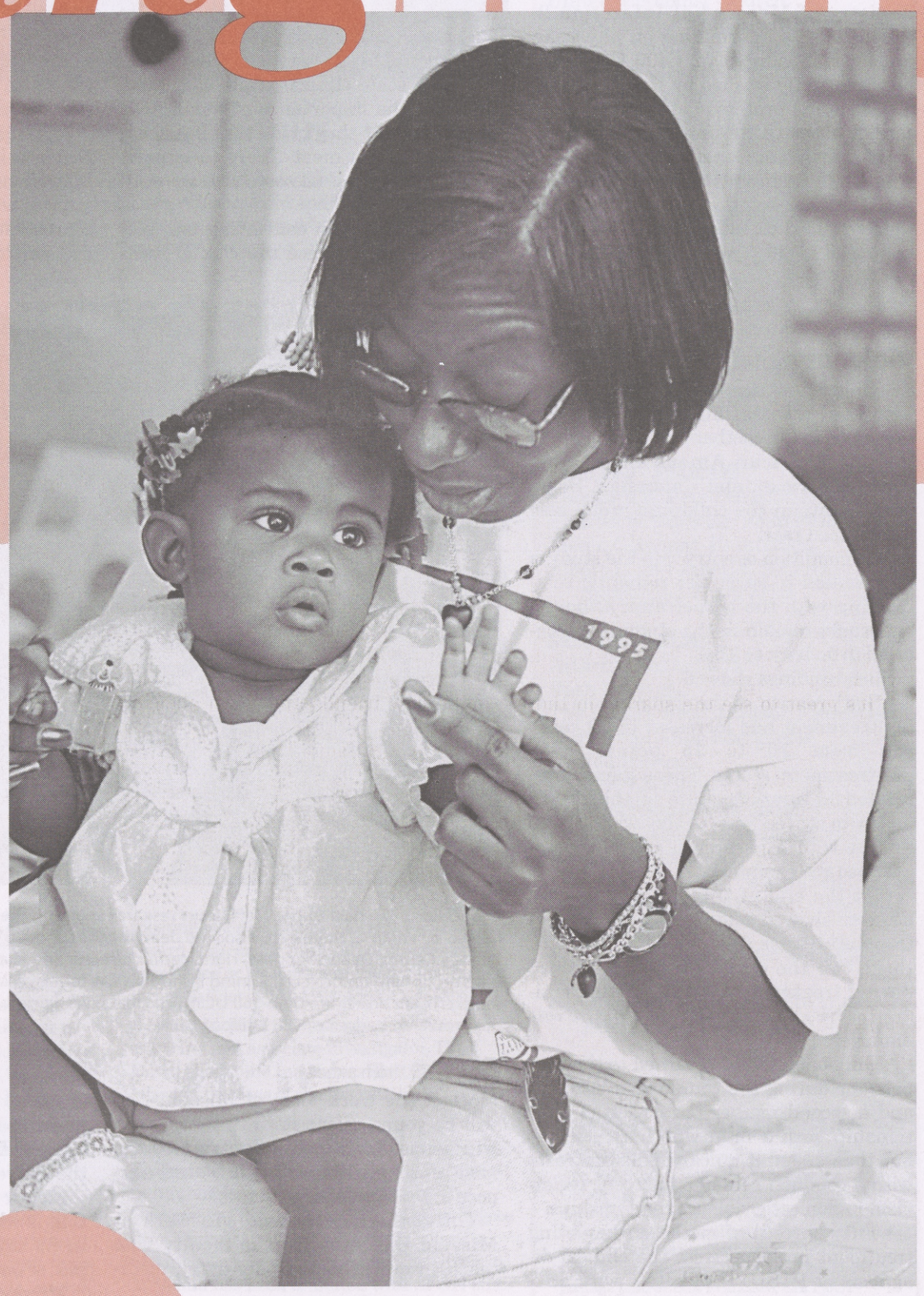
"Thrombin is a potent activator of platelets under experimental conditions, but other activators are known, and the question of what happens when platelets in living animals or people cannot respond to thrombin has not been answered. We suspect thrombin plays a critical role, but that role has yet to be proven conclusively."

Co-investigators of the UCSF study were Mark L. Kahn, an assistant research physician, CVRI, Yao-Wu Zheng, an associate specialist, CVRI, Wei Huang, a staff research associate, CVRI, Violeta Bigornia, a staff research associate, CVRI, Dewan Zeng, formerly a postdoctoral fellow, CVRI, Stephen Moff, formerly a Sarnoff Fellow, CVRI, Robert V. Farese Jr., an assistant investigator, Gladstone Institute for Cardiovascular Disease, and Carmen Tam, a staff research associate, CVRI.

—Jennifer O'Brien

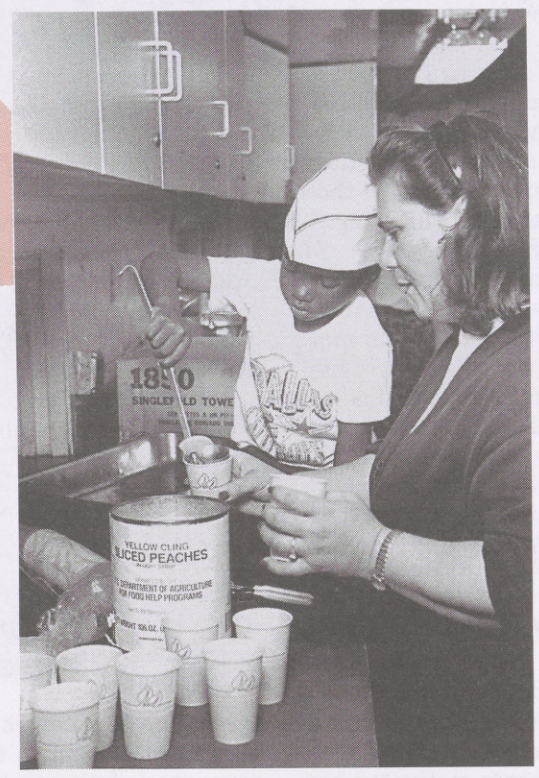
week of

caring



"This is an opportunity to give the children of this area an additional chance to succeed and to be exposed to people who care."

— Joe Bluford
manager, capital budget



Time to give back to the community

For Joe Bluford, manager of the campus' capital budget, the UCSF Week of Caring is an opportunity to return to his roots in Bayview/Hunters Point.

Bluford will venture to his old neighborhood next month when he joins a team of volunteers who reach out to children at George Washington Carver Academic Elementary School. About 150 volunteers are needed to work with students at the public elementary school as part of a project Bluford himself organized for the UCSF Week of Caring, which begins Monday, Sept. 14.

"It's great to see the sparkle in those kids' eyes when all these people come over from the University to spend time with them," says Bluford, who will serve as a teacher's assistant for the third year in a row.

"This is an opportunity to give the children of this area an additional chance to succeed and to be exposed to people who care," Bluford says.

Last year, 500 UCSF employees and students showed they cared by joining forces with community members by volunteering at nonprofit, public service agencies in the Bay Area, including Project Open Hand, Florence Crittenton Services and Catholic Charities.

"Former chancellor Haile Debas likes to talk about UCSF as a place of caring, not just curing. This is a sentiment I strongly support. And so, UCSF will sponsor Week of Caring again this year," says Chancellor J. Michael Bishop.

Indeed, as one of the main corporate sponsors of the annual event, UCSF is coordinating 24 volunteer projects that run the gamut from being a sighted guide for the blind on a trip to the zoo, constructing homes for low-income neighbors, and cooking dinner for the homeless.

Karen Joubert, an administrative assistant in the department of surgery, is leading a team of 30 to sort and package food for distribution to needy families.

"What excites me is the feeling I get using my own resources to help others," says Joubert, who has volunteered for Week of Caring every year since she started at UCSF in 1991. "It's a way to give back what's been given to me."

And although the nation's economy is booming, Joubert says she's witnessed the growing gap between the "haves" and "have-nots."

"It's heart wrenching for me to see so many people who are struggling. And it's often the result of one misstep in life, maybe a layoff from a job or an illness," she says.

Employees should have received a list of Week of Caring projects and a registration form through campus mail last week. The deadline to register as a volunteer is Friday, Aug. 28. Registration forms must be received by that date at Box 0462, dropped off at the UCSF Public Affairs office at 3333 California St., Suite 103 or sent electronically at (http://www.ucsf.edu/news_events/caring/caring.html).

"This is a phenomenal opportunity to make new friends and learn about the needs in your community," says Katherine Riordan, event coordinator. "It's also a wonderful way to make your decision on where you want to see your dollars go when it's time to give in the annual Charitable Giving Campaign." The annual campuswide fundraising effort — when UCSF employees are asked to dig deep to support those less fortunate — will begin on Monday, Nov. 9.

Some UCSF employees who have volunteered in Week of Caring activities have forged strong, ongoing relationships with the agencies and clients they have served, Riordan says. One man even went so far as to resign from his position at UCSF to become a full-time teacher at George Washington Carver after he was inspired by working with students at the school.

This year, Week of Caring includes a special program for students only on Saturday, Oct. 17, when they can sign up to take the ferry over to Angel Island to scrape and paint a fence located in the Ayala Cove. The deadline for this project, which includes a bring-your-own bag lunch, is Wednesday, Oct. 7.

For the past two years, Nancy Adler, director of the UCSF Center for Health and Community, has spent time gardening at the AIDS Memorial Grove in Golden Gate Park, an effort sponsored by the Senior Women's Leadership Subcommittee of the Chancellor's Advisory Committee on the Status of Women.

"It's a time to be able to give back something to the community and to see my colleagues in a different setting," Adler says. "I also love sharing the experience with my daughter, Sarah."

For more information about Week of Caring, call Riordan at 476-0729.

Hall explains value of animal research

By BILL GORDON

A series of recent demonstrations at UCSF by groups opposed to the use of animals in medical research provide a reminder of the vital role that animal research plays in the search for cures and treatments for disease — and of the need to educate the public about the value of animal research.

While the vast majority — more than two-thirds — of Americans recognize the necessity of animal studies and support the use of animals in medical research, some organizations such as those protesting on Parnassus Avenue and at Laurel Heights in recent weeks try to shift public opinion by attacking specific studies.

In a letter responding to the opponents of animal research, Zach Hall, vice chancellor for research, reminded them that the most important advances against human disease came about as a result of animal studies — including heart surgery, improvements in the survival of new-born infants, treatment of AIDS, diabetes, breast and other cancers, and surgery to correct birth defects, to name only a few.

"As an institution dedicated to research that will improve human health and the diagnosis, treatment, and prevention of human disease, we cannot conscientiously carry out our responsibilities to those suffering from disease without doing research on animals," Hall wrote.

While some animal rights groups work for the humane treatment of animals used in research, the goal of the more radical of these organizations is to stop all use of any animals in medical research. That would bring advances in medical care to a virtual standstill, researchers say.

One group of protesters was unique, however. A group of children from Northern Light School, an Oakland primary school, came to UCSF to sing songs and hold signs objecting to animal research. The school's philosophy includes teaching children non-violent ways of expressing their opinions and also teaches them to seek all sides of the story as they form opinions. The students asked to talk with someone from the university about the reasons that animals are used in research. Hall invited them to come back to UCSF on July 31 for a conversation with him.

Hall told the children he would be "derelict in my duty as a medical researcher" if he did not support the use of animals to study conditions and diseases that affect humans. They talked about diseases like polio that animal research has helped to treat, and problems like cancer or brain disorders that require more information. Hall described his conversation with a patient the students all knew about — Christopher Reeve, the star of Superman, now a paraplegic. Reeve believes that someday he and other victims of spinal cord injury will walk again. "People who oppose animal research just don't understand the problem," he told Hall.

The UCSF study that raised the children's concern also was the focus of protests by adamant opponents of animal research. In this study, researchers plan to create the same kind of limited hearing loss in squirrel monkeys that is suffered by millions of American adults. (See the Q&A below about this study.)

MEDICAL CALL BOARD

Attitudes on eating

Women, ages 20 to 45, are needed for a dissertation study about eating attitudes and behaviors. Women should be at least 30 pounds overweight and not on a diet or in a weight-loss program. Participants will receive $10 for filling out a brief questionnaire by mail in the anonymous study. For more information, call 1-800-838-2187.

Leg muscle function

Researchers in the department of radiology at UCSF are looking for healthy men and women to participate in a study of leg muscle function. The study will require one to three visits to the VA Medical Center in San Francisco.

Volunteers will be paid for their time. If you are not exercising regularly, are a non-smoker, free from heart disease, high blood pressure, diabetes and other major illness, you may qualify. Please contact Hung Dao at 221-4810, ext. 3599 for further information.

On substance abuse

Doctors George Fein and Westley Clark are conducting a study to determine if cocaine or alcohol abuse leads to physical or chemical changes or damage in the central nervous system.

Healthy males and females ages 25-45 years are needed for the research study, which includes procedures such as brain wave (EEG) studies, tests of memory and problem solving.

All procedures will be performed at the Veterans Affairs Medical Center, 4150 Clement St. Volunteers will be reimbursed $240. For more information, please contact Kathleen Ritchey, clinical coordinator, at 476-7650.

MS fatigue

The National Multiple Sclerosis Society has funded a research study to be conducted by UCSF researchers to help further understand fatigue in multiple sclerosis.

Volunteers with MS and without MS are needed to take part in the study. Volunteers should also be non-smokers, free from heart disease, high blood pressure, diabetes, and other major illnesses. All volunteers will be financially compensated for their participation. The study involves a 6-week exercise program for the lower leg and a before and after exercise program muscle function test. Please call Hung Dao at 221-4810, ext. 3599 for more information.

Women with hair loss

The UCSF Hair Research Center is looking for women over the age of 18 who have androgenetic alopecia (inherited hair thinning) for a 42-week study to evaluate a new hair-growth promoting product. Women must be in good general health and have good hair/scalp color contrast. Participants will receive free medication, free laboratory tests and financial compensation. For more information, call 476-3638, Monday through Thursday, from 9 a.m. to 3 p.m.

Q&A about UCSF research on hearing loss

Why is UCSF conducting the study on hearing loss?

The researcher leading this project is a physician who treats many patients with hearing loss. The desire to offer his patients better treatments motivated him to perform studies on animals. It is already well established that loud noises, infections, aging and other factors cause hearing loss. These studies are aimed instead at learning how the brain reacts and tries to cope with those events. By studying how the brain encodes the sounds that it hears and how this coding changes after hearing loss, scientists hope to find innovative ways to deliver sounds that hearing-impaired people will be able to perceive more clearly and intelligibly. They may someday learn how to help people retrain their brains to compensate for the loss.

How is the study to be carried out?

To mimic the partial hearing loss that occurs in humans as the result of age, viral infection or chronic exposure to loud noise, monkeys are anesthetized and exposed to a loud sound that causes them to lose the ability to hear high-pitched sound. The disability is a partial one that resembles that found in more than 26 million Americans. The brain pathways that respond to sound are mapped before the hearing loss and then again several months after the loss has occurred.

Do the animals feel pain?

The animals are anesthetized when the sound occurs. They do not hear it nor do they feel any pain. The animals are also anesthetized during the mapping process. During and after these procedures they receive care, monitoring and pain relief similar to the care that humans receive during surgery.

Does their hearing loss cause them to suffer?

No. They awaken after the noise with much of their normal hearing intact, and are able to communicate with one another and with humans.

Why are monkeys [primates] rather than other animals used in these experiments?

The brains of primates are the only ones that are close enough to humans to give accurate information about how the human brain works. Much of what we know about how the brain responds to sound comes from studies in primates. The knowledge gained in these studies can be applied to hearing and hearing loss in humans.

Why can't humans with a hearing loss be studied instead of the monkeys?

This study simply cannot be done with human subjects. To detect changes in brain organization, mapping must be done before and after the hearing loss. The detailed cell-by-cell mapping required for these studies cannot be done in human brains because the auditory cortex — the part of the brain that processes information from sounds — is tucked deep in one of the folds of the human brain. In the squirrel monkey, that part of the cortex is on the surface. Finally, to understand the functional brain changes, it is important to determine if the microscopic anatomy of the brain is also changed by the hearing loss.

Can computer models or other alternatives be used instead of animals?

We do not know enough about how primate and human brains work to replace them with a computer. There are also no cell culture or artificial alternatives that can replace the primate brain. Studies like this will help us understand brains better. When possible, UCSF scientists do look for alternative methods to study biomedical questions without using animals.

Does the sound produce [tissue] damage in the monkeys' ears?

The eardrums and other parts of the animals' ears are not harmed by the noise. But deep inside the ear, the hair cells that detect noise and transmit it to the brain are damaged and replaced by scar tissue. These changes are similar to those that occur in humans as they age. Others who suffer from this type of partial hearing loss include workers in industry and in the armed forces exposed to loud noises such as jet engines and jackhammers, people who listen to loud music at concerts or through portable stereos, and young children who contract serious viral infections of the middle ear.

Are the monkeys euthanized after this experiment?

Yes. After the second mapping of their brains, the monkeys do not wake up from the anesthesia. Their brains are autopsied so the cells can be examined under the microscope.

Why is more than one monkey being used for this study?

Because there is variability among the brains of monkeys, as with humans, several must be used if valid conclusions are to be drawn. UCSF makes every effort to minimize the number of monkeys used in medical research.

How was this proposal reviewed?

Each UCSF research proposal involving animals is reviewed both for its scientific importance and to ensure that animals are treated humanely and experience the least possible pain and discomfort. The scientific review is carried out by a committee of researchers. The review for humane treatment is carried out by the UCSF Committee on Animal Research, which consists of veterinarians, scientists and a member of the community who is not otherwise affiliated with the University. This proposal was reviewed and approved by both committees. The federal government, acting through the National Institutes of Health and the Department of Agriculture, has strict guidelines for the use of animals in research, and UCSF follows those guidelines scrupulously.

How is this study being funded?

The study is funded from UCSF departmental research funds, money set aside from clinical revenues to support basic research expected to have an impact on patient care. No state or federal funds are involved.

Booklet touts UCSF milestones

Faculty and staff who want to better understand the brightest moments of UCSF's 134-year history need only pick up the pocket-sized booklet, "Under-standing UCSF." Produced by the UCSF Public Affairs department, this booklet profiles the people, places and academic pursuits of the health sciences campus. It gives an overview of UCSF's locations and the University's impact on San Francisco.

The booklet also spells out the reasons UCSF exists. "UCSF's mission in life is life: understanding it, nurturing it, improving it, saving it."

A limited number of copies of this booklet is available through Public Affairs. Those interested in receiving a copy should send a request to J.M. Booklet, Box 0462.

Gorilla chili takes top prizes at cookoff

The Millberry gym sizzled on August 12 as the taste buds of some 150 people were tantalized as part of the seventh annual Chili & Salsa Cookoff hosted by EMPACT!

Chefs served up their recipes — some traditional, some unusual — to paying guests and sombrero-ed judges, as the band "Cubanacan" salted the festive atmosphere with a Cuban beat. UCSF employee Marcus Lopez, who works at the Mission Center building in mail services, is part of the spirited musical group.

Reflecting a new trend this year, salsas contained fruit such as watermelon and mangos. Steven Gonzalez of the Gladstone Institutes was recognized by the judges as the first-place winner for his salsa. The people's choice award for best salsa went to Greg Whisman of Millberry Union Programs & Services and the runner-up prize went to the judges' choice, Gonzalez.

Chilis, too, took on new tastes with ingredients ranging the gamut. James Aaron, a gardener with Facilities Management for the past 31 years, impressed both judges and the people who awarded him first place. While a veteran of UCSF, Aaron made his debut in the annual cookoff saying he's usually too busy working to whip up a big batch of the hot stuff. An avid cook at home, Aaron developed the recipe for "Gorilla Chili," which has proved popular with his family as well.

Says Elan Misliyah, "It was the best chili I ever tasted."

Bertha Crayton of the Pediatric Intensive Care Unit placed second in the people's choice category for her chili "scream." All winners received gift certificates to Macy's.

The event was sponsored by American Home Assurance.

Photos by Chris T. Anderson

Eunice Aaron, right, wife of James Aaron, a gardener with Facilities Management, mixes the winning pot of chili while Joan Guerra, EMPACT! volunteer and a retired Medical Center employee looks on.

Mika Sasaki, 6, accompanied her mother, Karen Sasaki, an administrative analyst in the Hormone Research Lab, as she sampled the chips and salsa at the seventh annual chili and salsa cookoff.

UCSF Stanford Health Care executives, Bruce Schroffel, left, and Peter Van Etten score and sample salsa made by Josephine Hermoso, right, while Cory Artiga chuckles with delight. Both Hermosa and Artiga work in billing for the surgery department.

CAMPUS BRIEFS

Dermatology moves to Mount Zion

Beginning Monday, Sept. 28, the UCSF department of dermatology will move from the UCSF Parnassus campus to the UCSF/Mount Zion campus.

Although the department will maintain a small presence at the Parnassus campus, it will be headquartered at Mount Zion. Pediatric dermatology, gynecologic dermatology, cutaneous oncology/melanoma, dermatologic surgery, dermatology laser unit, wound and ulcer care, and environmental dermatosis will all be based at Mount Zion.

Part of UCSF Stanford Health Care, the department will be located at 1701 Divisadero St, on the third floor, across form the UCSF/Mount Zion Medical Center. The phone number for the new site is 353-7800. For more information prior to the move, call 502-6760.

Free depression workshop for seniors

UCSF is offering a series of free four-week educational workshops about depression for people aged 60 and older. The group will teach older adults about depression, available strategies and resources for treatment.

The workshop series, presented by the division of general internal medicine and the department of psychiatry, will be led by Jason Satterfield, Patricia Arean and Ellen Resnick. For more information, call Arean at 476-7817.

Grand Rounds changes

In an effort to increase attendance and allow more interaction with speakers, the time and format for department of psychiatry grand rounds will change this fall, according to Craig Van Dyke, professor and chair of the department of psychiatry.

Grand Rounds will occur from 4 to 5 p.m. in the LPPI Auditorium followed by a reception in the Reading Room, LP 169.

Leonard Zegans will chair the Grand Rounds Committee. Faculty are encouraged to suggest names of possible speakers and topics. Suggestions can be sent to Zegans by email at (lppi%len_zegans@ccmail.ucsf.edu).

AIDS research funds available

HIV/AIDS pilot study research funds are available from the UCSF AIDS Clinical Research Center (ACRC), a component of the UCSF AIDS Research Institute (ARI). These funds are provided by the Universitywide AIDS Research Program (UARP). The deadline for the next funding cycle is Thursday, Oct. 1, 1998, and the anticipated last application deadline for FY 1998-99 has been set for March 1, 1999. Faculty applicants can submit studies in basic science, epidemiology, behavioral science, as well as clinical trials. Predoctoral students involved in AIDS research with faculty mentors are also eligible to apply. For more information and applications please contact Layne Ethington by phone, 476-8857 or by e-mail, stom%layne@ccmail.ucsf.edu.

Sidewalk closure

While construction of the clinical cancer center continues on Divisadero Street, the sidewalk directly in front of the project was closed as of Aug. 17 to avoid disrupting traffic.

The entrance to the UCSF/Mount Zion Medical Center will remain open.

The closure of the sidewalk will provide a staging area for small equipment as well as a place for the trucks to park while concrete is poured. While every effort will be made to reopen the sidewalk as soon as possible, it is expected to remain closed for 10 months, according to Joyce Newstat of UCSF Community and Governmental Relations.

In other construction news, a crane will be parked on Saturday, Aug. 22, from 7 to 9 a.m., on Sutter Street, between Divisadero and Scott streets, while an air conditioner is placed on the roof of the Friend Center. Questions about either plan can be directed to Newstat at 476-8433.

Institute calls for senior volunteers

The Institute for Health & Aging at UCSF is looking for seniors who are interested in volunteering at the Institute.

Volunteers will receive training and experience a stimulating work environment. The IHA is located at the Laurel Heights campus, 3333 California Street.

Volunteers must give a minimum of four hours per week and make a six-month commitment. For more information, call Jane Mahakian at 502-8673.

Old power plant ends 60-year reign

The old Parnassus power plant was laid to rest on July 1, marking the end of a 60-year reign as an energy supplier for the campus.

"The power plant had reached the end of its useful life and had come to a point where power failures had become routine, a situation the campus cannot tolerate," says Bob Piccinini, Utilities Operations manager and former chief.

"With years of research stored in freezers, reliable campus power is crucial," Piccinini adds.

The plant has been replaced by a state-of-the-art, more efficient power plant that co-generates power and steam, providing more reliable and less expensive power.

"The retirement of the old plant and the availability of power and steam from our new, more efficient, plant will help us get more out of our tight utility budget," said Dave Bohler of the Facilities Management Utilities Division.

The old plant's decommissioning ceremony was attended by 25 current and retired engineers, many of whom were present when the power plant was on the cutting edge of technology.

The site of the old power plant will eventually become the location for the Parnassus Services Building, housing Environmental Health and Safety, Central Receiving and Animal Research. That building is due to be completed by 2002.

Aug. 22–Sept. 4, 1998

24 Monday

MAMMOGRAPHY VAN: The UCSF van offers convenient breast cancer screening, 9 a.m.-3 p.m., Laurel Heights, 3333 California St.; the van will be at this location through Aug. 26. The exam costs $75 and takes about 20 minutes. Approval from a doctor is required. Call 476-2193 for an appointment.

ART SHOW: Disabled artists show their works at Millberry Union Conference Center, all day, Parnassus. Sponsored by the UCSF Office of Affirmative Action, Equal Opportunity and Diversity, the Chancellor's Steering Committee on Diversity, the UCSF Disability Interest Group and the National Institute of Art and Disabilities.

SURVIVING CANCER: Lori Szczecina describes her bout with cancer, 5:30-7:30 p.m., UCSF/Mount Zion Medical Center, Hellman Bldg., 2200 Post St. Szczecina is a 28-year-old survivor of advanced metastatic melanoma and an active cancer patient advocate. For more information or to reserve a spot, call 885-3693.

25 Tuesday

MEDITATION CLASS: Raj Yoga meditation classes are held every Tuesday, noon-1 p.m., S 160, Parnassus. Free. Sponsored by the Institute of Healing Arts and Sciences and the Brahma Kumari Meditation Center. For more information, call 563-4459.

26 Wednesday

GI FELLOW COURSE: Adil Ed Wakil, adjunct assistant professor, GI Division, presents Fulminant Hepatic Failure, 8-9 a.m., S 214, Parnassus.

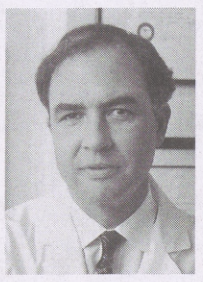
GI GRAND ROUNDS: Joseph Bloomer, director, liver center, GI Division, University of Alabama at Birmingham, presents Porphyrias, 9-10 a.m., S 214, Parnassus.

BROWN BAG LECTURE: Jane Stecher and Karen Schanche, clinical social workers, LPPI outpatient child and adolescent services, present *Parenting Teenagers: Surviving Turbulent Times*, 12:10-1 p.m., HSW 300, Parnassus. Sponsored by Public Service Programs. Call 476-4394.

27 Thursday

MAMMOGRAPHY VAN: See Aug. 24 listing. Location is UCSF Lakeshore Plaza, 1501 Sloat Blvd.

MEDICAL GRAND ROUNDS LECTURE: Paul A. Volberding, professor of medicine and director, AIDS Program and Medical Oncology, SF General Hospital, UCSF, presents *Update from the International AIDS Conference*, noon-1 p.m., N 225, Parnassus. Sponsored by the department of medicine.



Volberding

28 Friday

MAMMOGRAPHY VAN: See Aug. 24 listing. Location is UCSF Parnassus campus in front of the Library.

SEPTEMBER

2 Wednesday

BROWN BAG LECTURE: Samuel H. Barondes, professor, neurobiology and psychiatry, presents *Mood Genes*, 12:10-1 p.m., HSW 300, Parnassus. Learn how heredity influences the risk of having mood swings from the author of "Mood Genes: Hunting for Origins of Mania and Depression." Sponsored by Public Service Programs. Call 476-4394.

4 Friday

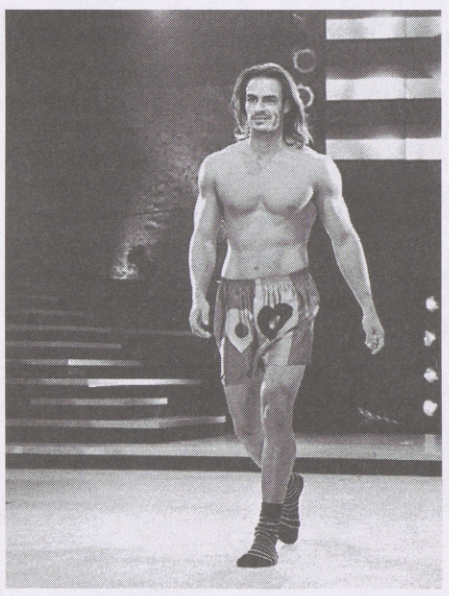
WELLNESS LECTURE: Sally Love presents *The Healing Power of Poetry*, 12-1 p.m., HSW 300, Parnassus. Sponsored by the Institute of Healing Arts and Sciences. For information, call 584-4416.

UPCOMING EVENTS

Lecture to explain Gulf War health syndromes

Howard Kipen, chief of the division of Occupational Health, Environmental & Occupational Health Sciences Institute, UMDNJ-Robert Wood Johnson Medical School, will speak about "Gulf War and Related Health Syndromes: Unexplained Symptoms and Unknown Exposures," on Thursday, Sept. 10, from noon to 1 p.m., in N 225, Parnassus.

Kipen is the guest speaker of the sixth annual Alice Hamilton Lecture, sponsored by the UCSF department of medicine. A reception to honor Kipen and to welcome Leslie Israel as the new director at the Parnassus Heights/Mount Zion Occupational Medicine Clinic, will follow at the Lange Reading Room. For more information, call 476-4539.



An evening of fashion, compassion

America's high-energy fashion extravaganza, Macy's Passport '98 "Different Together" to benefit HIV/AIDS research and care is set to take place at Fort Mason Center on Wednesday, Thursday and Friday, Sept. 16, 17 and 18. This year's show features special performances by k.d. lang and the cast of the Tony Award-winning Broadway musical Chicago opening night.

Founding chair Elizabeth Taylor and event chair Earvin "Magic" Johnson will join super models, sports stars and other celebrities to show clothing for men, women and children to raise funds for 11 nonprofit organizations dedicated to HIV/AIDS research and care.

Passport '98 moves to Macy's Union Square store on Saturday, Sept. 19, from 10 a.m. to 8 p.m., when the retailer hosts an exciting day-long shopping event benefiting more than 30 more HIV/AIDS organizations.

To order tickets to Passport, please call 1-888-ETM-TIXS or visit the event web site at www.etm.com. For more information about the event, call 1-800-334-6158.

Campus begins elder care lecture series

An elder care lecture series will begin at UCSF on Sept. 23 with a talk titled "Elder Care from a 'Home Visiting' Doctor," by Forrest Martin of Baynet, LTC. The lectures will be held on Wednesdays, from noon to 1 p.m., on Parnassus (room TBA). The topic on Oct. 21 is "Long Term Care Options," by Amir Kia of Hayes Valley Care; on Nov. 18, "Financial Planning" by Patricia O'Healy, Certified Financial Planner. Co-sponsored by the UCSF Elder Care Referral Service and Crossroads Home Care and Hospice. To register, call Jane Mahakian at 502-8673.

Disabled artists show

About 25 disabled artists from the Bay Area will be exhibiting their works at the Millberry Union Conference Center on Parnassus on Thursday, Sept. 24, from 9 a.m. to 5 p.m.

A reception will be held at noon to recognize the artists.

The event is co-sponsored by the UCSF Disabilities Interest Group and the Office of Affirmative Action/Equal Opportunity and Diversity.

Artists learn and develop art skills through the National Institute of Art and Disabilities, a co-sponsor of the event.

Supported by the Regional Center of the East Bay and individual and corporate donations, NIAD was founded in 1982 by Elias Katz, a former member of the UCSF faculty. Katz will be speaking at the reception.

UCSF hosts program on integrative medicine

Prominent researchers and practitioners from across the country will join UCSF faculty for a scientific symposium celebrating the establishment of the new Osher Center for Integrative Medicine.

The free forum will be held on Friday, Sept. 25, from 1 to 5:30 p.m., in Cole Hall, Parnassus campus.

The goal of the symposium is to understand today's research challenges and discuss ways to examine the value and effectiveness of integrative medicine.

Featured speakers include:

- David Eisenberg, Harvard Medical School and Beth Israel Deaconess Medical Center, who will present "The Public Mandate: Patient Utilization of Integrative Medicine."
- Andrew Avins, UCSF, "The Hard Science of Integrative Medicine."
- Anne Harrington, Harvard University, "Placebo Effect: A Double-edged Sword."
- Howard Fields, UCSF, "Placebo: Neurobiology of the Therapeutic Process."
- Bruce McEwen, Rockefeller University, "Liberating the Hostage Brain: Research Implications."
- Margaret Chesney, UCSF, "The Spectrum of Integrative Medicine Research: Setting the Agenda."

For more information about the symposium, contact the OCIM at 502-0285.

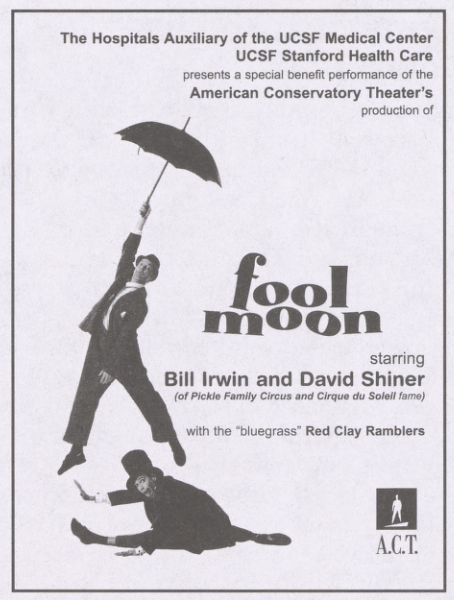
Getaway to Waterworld

UCSF and UCSF Stanford Health Care employees can make a big splash at family fun day at Waterworld USA on Saturday, Sept. 26, from 11 a.m. to 5 p.m. at the Concord amusement park. For discounted ticket information, call EMPACT! at 476-2675.

ACT performance to benefit patients

A special benefit performance of the American Conservatory Theater's (ACT) production "Fool Moon" will take place on Thursday, Oct. 8, at 8 p.m. at the Geary Theatre, 415 Geary St., in San Francisco.

Reservation deadline is Thursday, Sept. 10. "Fool Moon" is a humorous family show about the antics of two men whose mental welfare is affected by the moon. Sponsored by the UCSF Hospitals Auxiliary of UCSF Stanford Health Care, the production will star Bill Irwin and David Shiner of Pickle Family Circus and Cirque du Soleil.


The Hospitals Auxiliary of the UCSF Medical Center
UCSF Stanford Health Care
presents a special benefit performance of the
American Conservatory Theater's
production of
fool moon
starring
Bill Irwin and David Shiner
(of Pickle Family Circus and Cirque du Soleil fame)
with the "bluegrass" Red Clay Ramblers
A.C.T.

"Fool Moon" has received rave reviews on Broadway.

A pre-show party which includes food, champagne and an ACT guest speaker will begin at 6 p.m. at the Garret Room of the Geary Theatre.

Proceeds will finance projects for patient amenities.

Reservations are required to attend the event. Tickets for the pre-show party and show are $85. Tickets for the show are $50. For more information and to make reservations, call 476-4906.